

**From:** [MCCLINCY Matt](#)  
**To:** [Chip Humphrey/R10/USEPA/US@EPA](#); [Eric Blischke/R10/USEPA/US@EPA](#)  
**Subject:** Arkema Sediment Volumes  
**Date:** 06/28/2007 02:03 PM

---

Chip and Eric,

The #'s I gave you over lunch were a bit off as to the concentration/sediment volumes at Arekema.

As an fyi here are the concentration/sediment volumes from my phone notes.

Remove down to 1,000 mg/kg DDX = 3,500 cubic yards

100 mg/kg DDX = 20,000 cubic yards = 55% of mass

10 mg/kg DDX = 75,000 cubic yards = 90% of mass

5 mg/kg DDX = 110,000 cubic yards = 92% of mass

1 mg/kg DDX = 300,000 cubic yards = 96% of mass

0.1mg/kg DDX = 850,000 cubic yards = close to 100%

0.035 mg/kg DDX= 1.3 million cubic yards = 100% of principle threat definition DDX  
mass in preliminary

RAA.

Matt

Matt McClincy  
Oregon Department of Environmental Quality  
Northwest Region  
2020 SW Fourth Ave., Suite 400  
Portland, Oregon 97201-4987  
Phone 503-229-5538  
Fax 503-229-6945